

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070122AR\
 Data File : FD043152.D
 Signal(s) : FID2B.ch
 Acq On : 01 Jul 2022 12:15
 Operator : YP/AJ
 Sample : N3214-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 56 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 02 04:03:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.629	6150000	39.829 ug/ml
Spiked Amount 50.000		Recovery =	79.66%
6) S 2-Fluorobiphenyl (SURR)	8.493	4204408	39.862 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	79.72%
11) S ortho-Terphenyl (SURR)	11.537	6267234	34.483 ug/ml
Spiked Amount 50.000		Recovery =	68.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	270153	1.609 ug/ml
2) T Naphthalene (C11.7)	5.965	296080	1.691 ug/ml
3) T 2-Methylnaphthalene (...)	7.016	326364	2.029 ug/ml
5) T Acenaphthylene (C15.06)	8.292	318988	1.795 ug/ml
7) T Acenaphthene (C15.5)	8.588	338240	1.932 ug/ml
8) T Fluorene (C16.55)	9.369	311745	1.798 ug/mlm
9) T Phenanthrene (C19.36)	10.766	296681	1.730 ug/mlm
10) T Anthracene (C19.43)	10.841	340199	2.002 ug/ml
12) T Fluoranthene (C21.85)	12.577	299043	1.783 ug/ml
13) T Pyrene (C20.8)	12.874	286225	1.756 ug/mlm
14) T Benzo[a]anthracene (C...	14.746	257631	1.659 ug/mlm
15) T Chrysene (C27.41)	14.787	390574	2.475 ug/ml
16) T benzo[b]fluoranthene ...	16.293	253448	1.663 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.325	312695	2.136 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	244786	1.711 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	241031	1.926 ug/mlm
20) T Dibenz[a,h]anthracene...	18.077	296287	2.204 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	248521	1.905 ug/ml

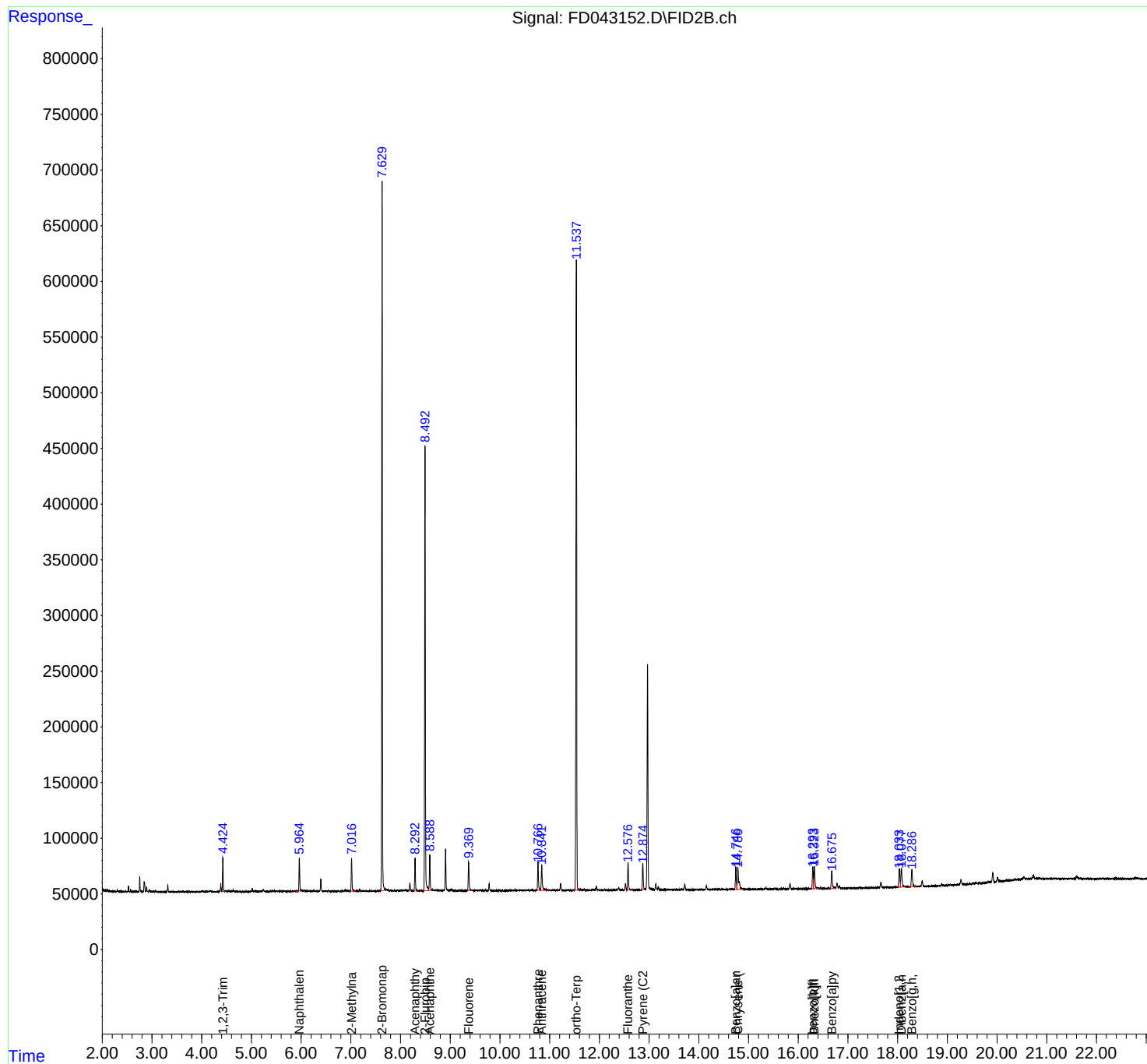
(f)=RT Delta > 1/2 Window

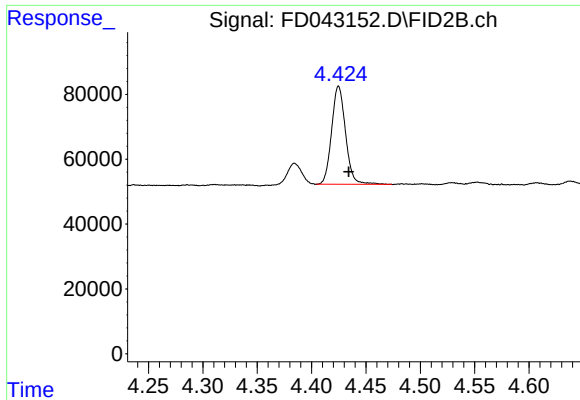
(m)=manual int.

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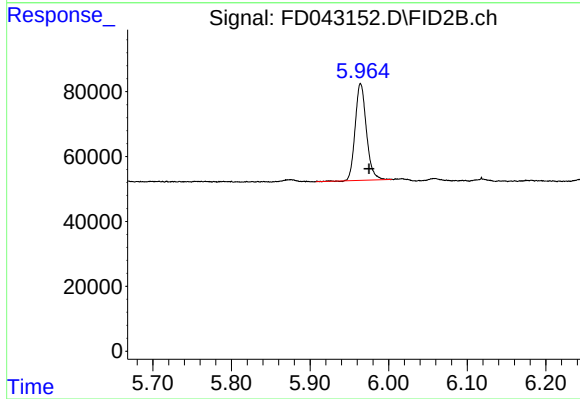
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





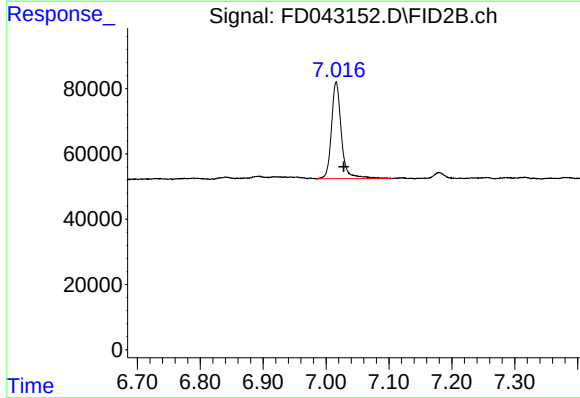
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: -0.009 min
Response: 270153
Conc: 1.61 ug/ml



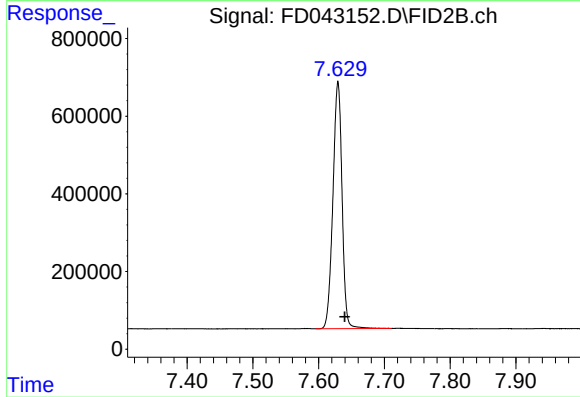
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.011 min
Response: 296080
Conc: 1.69 ug/ml



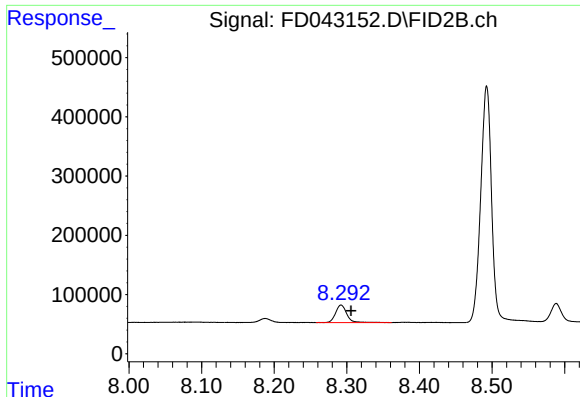
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.012 min
Response: 326364
Conc: 2.03 ug/ml



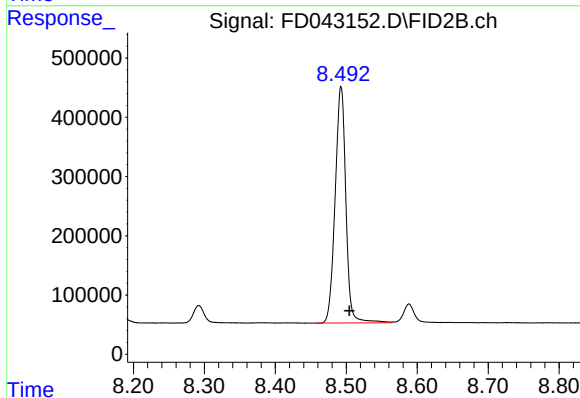
#4 2-Bromonaphthalene (SURR)

R.T.: 7.629 min
Delta R.T.: -0.010 min
Response: 6150000
Conc: 39.83 ug/ml



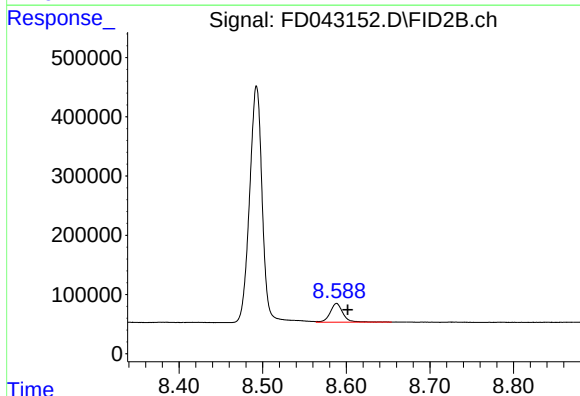
#5 Acenaphthylene (C15.06)

R.T.: 8.292 min
Delta R.T.: -0.014 min
Response: 318988
Conc: 1.79 ug/ml



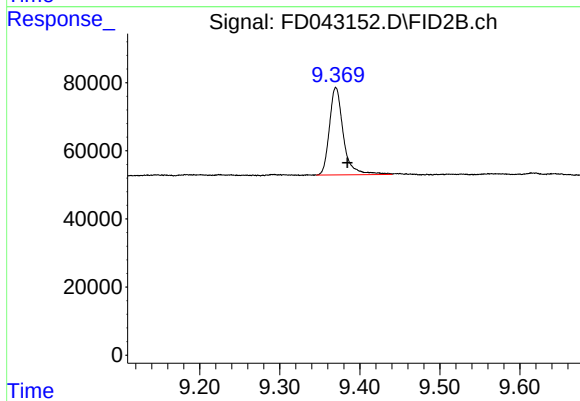
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
Delta R.T.: -0.012 min
Response: 4204408
Conc: 39.86 ug/ml



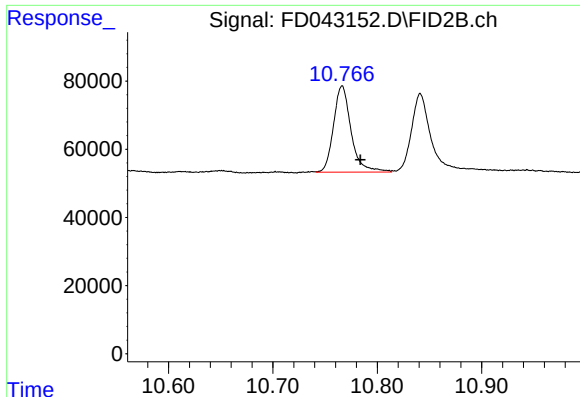
#7 Acenaphthene (C15.5)

R.T.: 8.588 min
Delta R.T.: -0.013 min
Response: 338240
Conc: 1.93 ug/ml



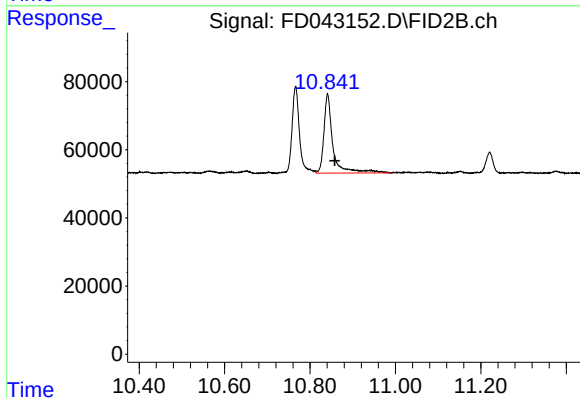
#8 Flouorene (C16.55)

R.T.: 9.369 min
Delta R.T.: -0.015 min
Response: 311745
Conc: 1.80 ug/ml m



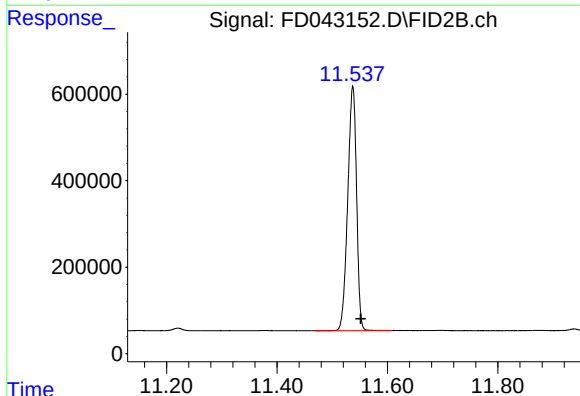
#9 Phenanthrene (C19.36)

R.T.: 10.766 min
Delta R.T.: -0.018 min
Response: 296681
Conc: 1.73 ug/ml m



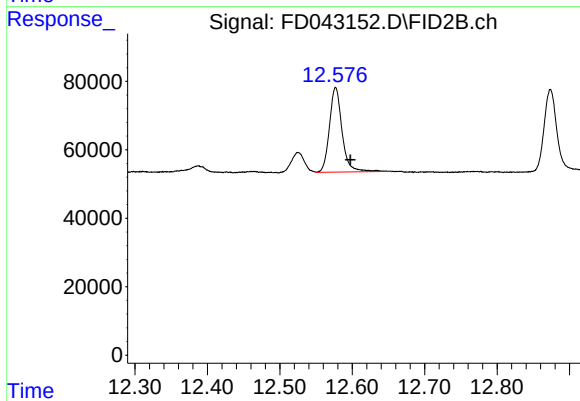
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: -0.017 min
Response: 340199
Conc: 2.00 ug/ml



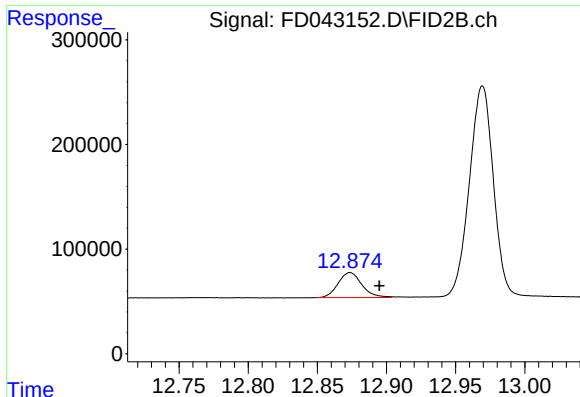
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.014 min
Response: 6267234
Conc: 34.48 ug/ml



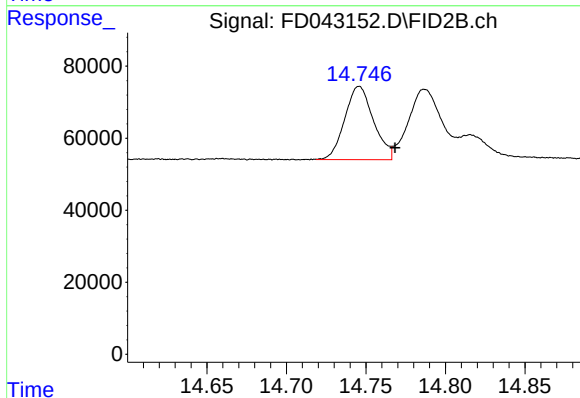
#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: -0.020 min
Response: 299043
Conc: 1.78 ug/ml



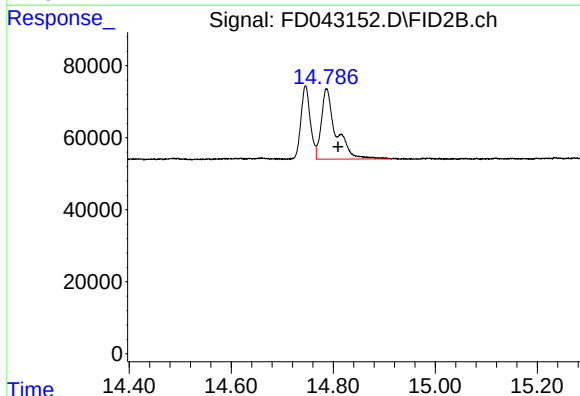
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: -0.021 min
Response: 286225
Conc: 1.76 ug/ml m



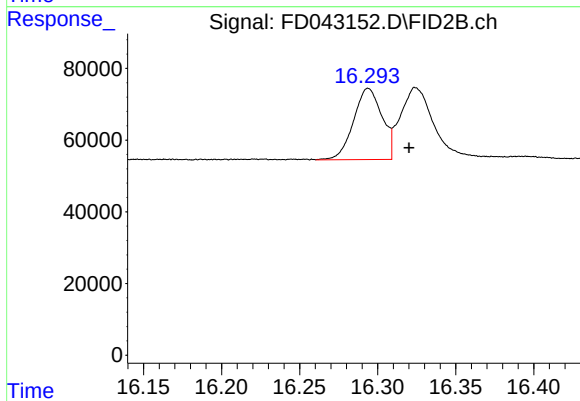
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: -0.022 min
Response: 257631
Conc: 1.66 ug/ml m



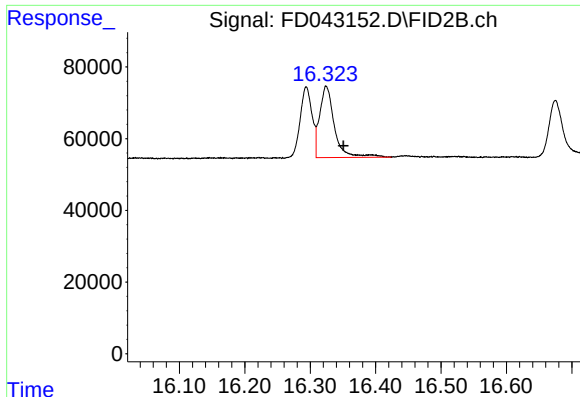
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.023 min
Response: 390574
Conc: 2.47 ug/ml



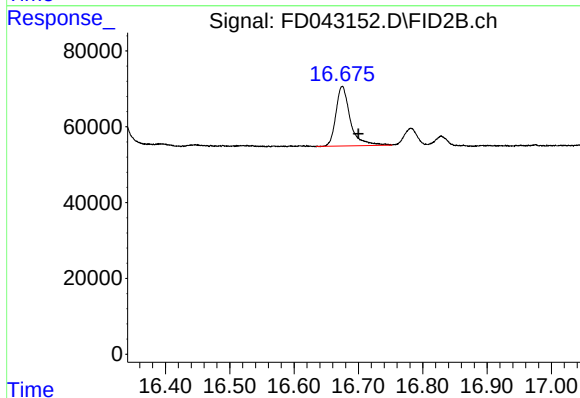
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.293 min
Delta R.T.: -0.027 min
Response: 253448
Conc: 1.66 ug/ml m



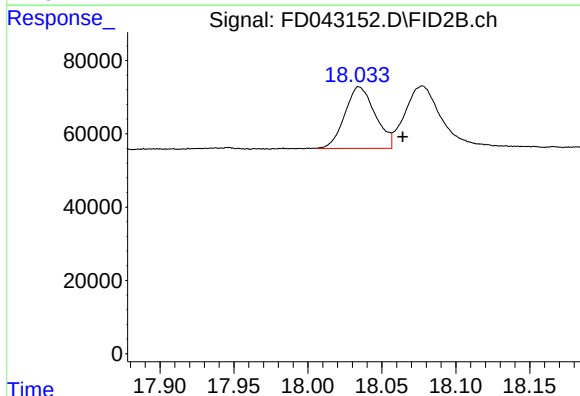
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: -0.026 min
Response: 312695
Conc: 2.14 ug/ml



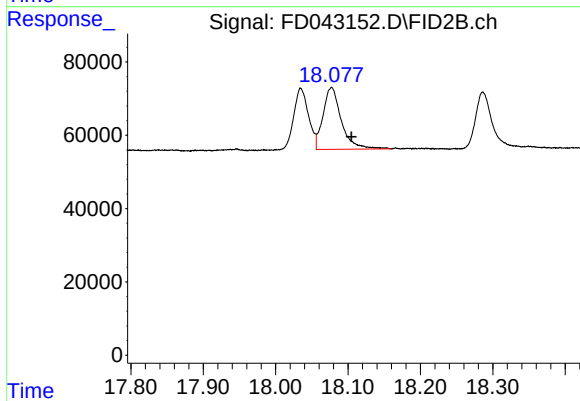
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: -0.025 min
Response: 244786
Conc: 1.71 ug/ml



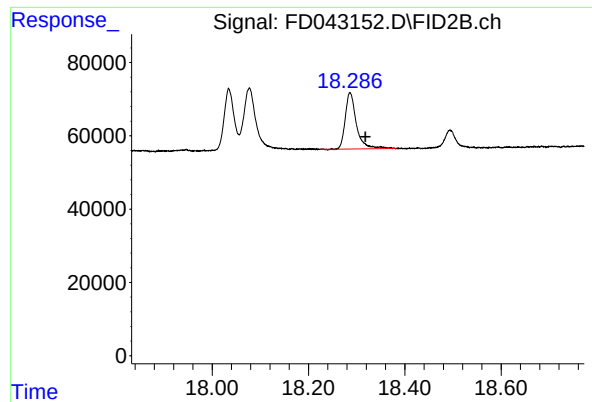
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: -0.031 min
Response: 241031
Conc: 1.93 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.077 min
Delta R.T.: -0.028 min
Response: 296287
Conc: 2.20 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.287 min
Delta R.T.: -0.032 min
Response: 248521
Conc: 1.91 ug/ml